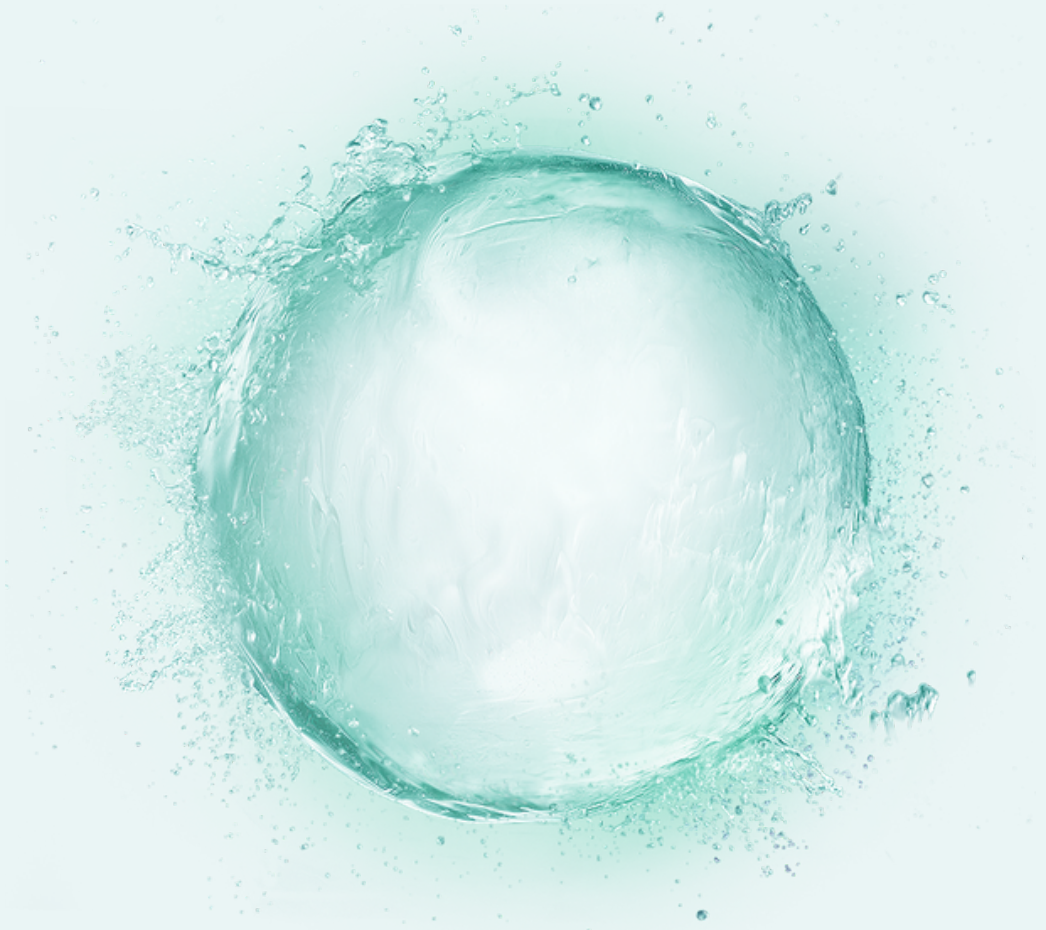




**GRUPIŲ STEAM
PROJEKTAS
„MĖLYNAS VANDENS
KARNAVALAS“**

Purpose:

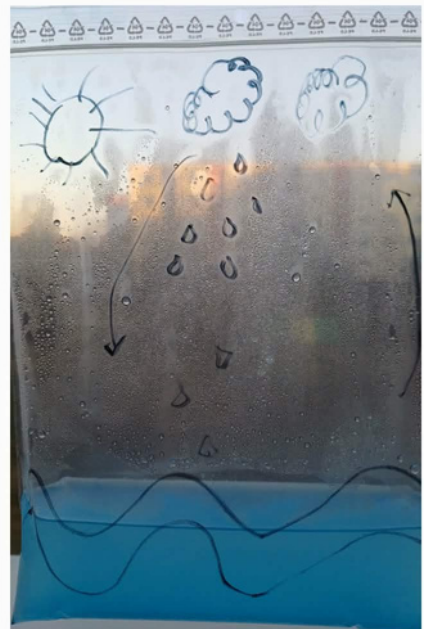
To develop children's scientific literacy and ecological awareness, applying the STEAM method, introducing them to the importance of water for living nature and humans, and promoting responsible conservation of water resources.



Task:

- To introduce children to the importance of water in nature and human life, the principles of the water cycle, and the diversity of water bodies;
- To develop children's research, cognitive, and critical thinking skills by observing and analyzing water body models, explaining the causes and consequences of pollution;
- To promote problem-solving, engineering, and mathematical skills by sorting waste, modeling environmental situations, and finding ways to preserve clean water;
- To develop creativity, communication, and collaboration skills by participating in artistic, musical, and experiential STEAM activities and by creating shared solutions for water resource conservation;
- To form a responsible attitude towards the conservation of natural resources and a sustainable lifestyle by encouraging children to conserve water and care for the environment in their daily activities.

Children explored the importance of water for life, explored the path of water in nature and the human environment – from a raindrop to rivers, lakes, seas and the use of water in everyday life. By observing models of water bodies, they became familiar with different aquatic ecosystems, discussed what animals and plants live in them, and discussed the impact of pollution on wildlife and humans.



The activities used models of water bodies, visual aids and practical tasks to help children understand the waterway, its use and the consequences of pollution. The children analysed situations and looked for solutions on how everyone could contribute to water conservation.



Children modeled water bodies, studied their structure, solved environmental problems, and practically performed waste sorting tasks. Becoming "Ocean Rescuers," they sorted paper and plastic waste, looked for the most effective ways to protect water bodies from pollution, and understood human responsibility for the environment.



Children participated in a creatively organized "Blue Water Carnival", performed theatrical elements, took the symbolic oath of "Water Guardians", confirming it with their palm prints. Musical games, dances and creative activities helped strengthen the emotional connection with nature and encouraged children's self-expression.



Children sorted materials, compared their quantity and volume. They studied what dissolves in water and what does not. They studied the transparency of liquids.

